

# REPORT OF QUALITY ASSURANCE TESTING

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|                                            |  |                               |  |                                               |  |                                                                     |  |                               |  |                            |  |                              |  |
|--------------------------------------------|--|-------------------------------|--|-----------------------------------------------|--|---------------------------------------------------------------------|--|-------------------------------|--|----------------------------|--|------------------------------|--|
| CONTROL SECTION<br>82000                   |  | JOB NUMBER<br>205935A/207914A |  | PROJECT LOCATION<br>On Various Routes         |  | MIX DESIGN NO<br>19MD411                                            |  | MIXTURE TYPE<br>4E3           |  | DATE SAMPLED<br>06/15/20   |  | DATE TESTED<br>07/08/20      |  |
| CONTRACTOR<br>AJAX Paving Industries, Inc. |  |                               |  |                                               |  | PLANT NUMBER<br>020-10                                              |  | PLANT LOCATION<br>Warren      |  |                            |  | SUBLOT SIZE                  |  |
| PROJECT ENGINEER<br>Richard T. Doherty     |  |                               |  | NAME OF TESTER (Please Print)<br>Brian Gondek |  |                                                                     |  | QUALIFICATION NO.<br>383-0421 |  | LOT NUMBER<br>16           |  | SUB LOT NUMBER<br>1 AM       |  |
| Gb<br>1.029                                |  | Gsb<br>2.707                  |  | Gse<br>2.752                                  |  | NAME OF TESTER (Signature)<br>Brian J. Gondek<br>Aug 6 2020 8:15 AM |  |                               |  | FORM 1911 DATE<br>04/14/20 |  | SUBLOT RANDOM TONS<br>110.00 |  |
|                                            |  |                               |  |                                               |  |                                                                     |  |                               |  |                            |  |                              |  |

| TEST RESULTS       |        |        |       |                        |                          |     | TEST RESULTS                                                                     |       |       |                                     |                        |                          |             |
|--------------------|--------|--------|-------|------------------------|--------------------------|-----|----------------------------------------------------------------------------------|-------|-------|-------------------------------------|------------------------|--------------------------|-------------|
|                    | JMF    | MDOT   | CONTR | MDOT<br>DIFF.<br>JMF * | MDOT<br>DIFF.<br>CONTR * | TOL |                                                                                  | JMF   | MDOT  | CONTR                               | MDOT<br>DIFF.<br>JMF * | MDOT<br>DIFF.<br>CONTR * | TOL         |
| P 1-½" (37.5 mm)   | 100.00 | 100.00 |       | 0.00                   | 100.00                   | 5   | ASPHALT %                                                                        | 5.15  | 5.31  |                                     | 0.16                   | 5.31                     | +0.40/-0.30 |
| P 1" (25.0 mm)     | 100.00 | 100.00 |       | 0.00                   | 100.00                   | 5   | Gmm                                                                              | 2.534 | 2.541 |                                     | 0.007                  | 2.541                    |             |
| P ¾" (19.0 mm)     | 100.00 | 100.00 |       | 0.00                   | 100.00                   | 5   | Gmb @ N DESIGN                                                                   | 2.445 |       |                                     |                        |                          |             |
| P ½" (12.5 mm)     | 99.40  | 96.68  |       | -2.72                  | 96.68                    | 5   | AIR VOIDS                                                                        | 3.50  |       |                                     |                        |                          |             |
| P 3/8" (9.5 mm)    | 84.00  | 88.32  |       | 4.32                   | 88.32                    | 5   | VMA                                                                              | 14.34 |       |                                     |                        |                          |             |
| P No. 4 (4.75 mm)  | 61.60  | 64.89  |       | 3.29                   | 64.89                    | 5   | VFA                                                                              | 75.58 |       |                                     |                        |                          |             |
| P No. 8 (2.36 mm)  | 45.60  | 48.31  |       | 2.71                   | 48.31                    | 5   | F/A RATIO                                                                        | 1.21  |       |                                     |                        |                          |             |
| P No. 16 (1.18 mm) | 34.00  | 37.37  |       | 3.37                   | 37.37                    |     | Gse                                                                              |       |       |                                     |                        |                          |             |
| P No. 30 (600 µm)  | 26.50  | 25.83  |       | -0.67                  | 25.83                    | 4   |                                                                                  | GRADE |       | CERTIFIED SUPPLIER / LOCATION/CERT# |                        |                          | % ADD       |
| P No. 50 (300 µm)  | 14.20  | 13.30  |       | -0.90                  | 13.30                    |     | ASPHALT BINDER                                                                   |       |       | Ajax Asphalt Terminal               |                        |                          | 3.80        |
| P No. 100 (150 µm) | 8.50   | 8.22   |       | -0.28                  | 8.22                     |     | Gmb WEIGHTS/COMPACTION TEMPERATURE                                               |       |       |                                     |                        |                          |             |
| P No. 200 (75 µm)  | 5.50   | 6.21   |       | 0.71                   | 6.21                     | 1   | NUMBER OF SOLVENT WASHES (When using the vacuum extraction method for Asphalt %) |       |       |                                     |                        |                          |             |
| CRUSH – 1 FACE     | 97.0   | 98.0   |       | 1.0                    | 98.0                     | 10  |                                                                                  |       |       |                                     |                        |                          |             |
| CRUSH – 2 FACE     |        |        |       |                        |                          |     |                                                                                  |       |       |                                     |                        |                          |             |

REMARKS Sampled @ 10:15 AM

\* CIRCLE TEST RESULTS OUT OF TOLERANCE